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FILE NO. A33781 (072448.0308)

**PATENT** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**Applicant** 

Jacobs et al.

RECEIVED

Serial No.

09/837,998

JUL 0 9 2001

Filed

April 19, 2001

Group Art Unit: 16

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For

VIRAL VECTORS HAVING REDUCED VIRULENCE

## INFORMATION DISCLOSURE STATEMENT

I hereby certify that this paper is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231

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Date of Deposit

Janet M. MacLeod

35 263

Attorney Name

PTO Registration No.

Date of Signature

Ausik M Macfle

July 2, 2001

Assistant Commissioner for Patents

Washington, D.C. 20231

Sir:

Please make the references listed below and on the accompanying Form

PTO-1449 of record in the above-identified application.

Shors et al., "Complementation of Vaccinia Virus Deleted of the E3L

Gene by Mutants of E3L", VIROLOGY 239:269-276, 1997.

**PATENT** 

Chang et al., "Identification of a Conserved Motif That is Necessary for Binding of the Vaccinia Virus E3L Gene Products to Double-Stranded RNA", VIROLOGY 194:537-547, 1993.

Brandt et al., "Both Carboxy- and Amino-Terminal Domains of the Vaccinia Virus Interferon Resistance Gene, E3L, Are Required for Pathogenesis in a Mouse Model", J. Virology 75:850-856, 2001.

Kibler et al., "Double-Stranded RNA Is a Trigger for Apoptosis in Vaccinia Virus-Infected Cells", Journal of Virology 71:1992-2003, 1997.

U.S. Patent No. 6,004,777 to Tartaglia et al. issued December 21, 1999. WO 00/73487, published December 7, 2000.

U.S. patent application 09/837,997 to Jacobs et al., filed April 19, 2001.

A PTO-1449 form and a copy of each of the above-listed documents are enclosed.

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The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 02-4377.

Respectfully submitted,

Marta E. Delsignore

Patent Office Reg. No. 32,689

Janet M. MacLeod

Patent Office Reg. No. 35,263

Attorneys for Applicants (212) 408-2597

Baker Botts LLP 30 Rockefeller Plaza 44th Floor New York, New York 10112

Enclosures